

WHAT IS CLAIMED IS:

1. A storage subsystem comprising a plurality of storage devices connected to a host computer, wherein

a first storage device included in said plurality of storage devices comprises:

means for receiving a request for information processing for said storage subsystem, said information processing being executed in said host computer;

means for transferring the received request to a second storage device included in said plurality of storage devices; and

means for executing information processing indicated by the received request when the received request should be executed by said first storage device.

2. The storage subsystem according to claim 1, wherein said means for executing information processing executes the information processing when it is judged that the received request should be executed, based on cooperation control information which indicates a request to be executed by said first storage device, and the received request.

3. The storage subsystem according to claim 2, wherein

the request includes first identification information indicating a storage device that should execute the information processing, and the cooperation control information includes second identification

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information identifying said first storage device; and
said means for executing information
processing executes the information processing when the
first identification information and the second
identification information match.

4. The storage subsystem according to claim 1,
wherein

said second storage device comprises:

means for receiving the transferred request;

and

means for executing information processing
indicated by the transferred request when the
transferred request should be executed by said second
storage device.

5. The storage subsystem according to claim 4,
wherein

in said first storage device, said means for
transferring a request adds information, which
indicates said first storage device, to the request to
be transferred; and

said second storage device further comprises
means for suppressing another transfer of the
transferred request based on the added information that
indicates said first storage device.

6. The storage subsystem according to claim 1,
wherein said means for transferring a request transfers
the received request to said second storage device when
it is judged that the received request should not be

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executed, based on cooperation control information which indicates a request to be executed by said first storage device, and the received request.

7. The storage subsystem according to claim 1, wherein said means for transferring a request transfers the received request to said second storage device when it is judged that said second storage device should execute the received request, based on cooperation control information which indicates a request to be executed by said first storage device, and the received request.

8. The storage subsystem according to claim 7, wherein

the request includes first identification information indicating a storage device that should execute the information processing, and the cooperation control information includes second identification information identifying said first storage device; and

said means for executing information processing executes the information processing when the first identification information and the second identification information match.

9. A storage subsystem comprising a plurality of storage devices connected to a host computer, wherein

a first storage device included in said plurality of storage devices comprises:

a receiver connected to the host computer, for receiving a request for information processing for

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said storage subsystem, said information processing being executed in said host computer;

a transceiver connected to said receiver and a second storage device included in the plurality of storage devices, for transferring the received request to the second storage device; and

a processor for executing the information processing indicated by the received request when the received request should be executed by said first storage device.

10. The storage subsystem according to claim 9, wherein said processor executes the information processing when it is judged that the received request should be executed, based on cooperation control information which indicates a request to be executed by said first storage device, and the received request

11. The storage subsystem according to claim 10, wherein

the request includes first identification information indicating a storage device that should execute the information processing, and the cooperation control information includes second identification information identifying said first storage device; and

said processor executes the information processing when the first identification information and the second identification information match.

12. The storage subsystem according to claim 9, wherein

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said second storage device comprises:

a second receiver connected to said transceiver for receiving the transferred request; and
a second processor connected to said second receiver for executing the information processing indicated by the transferred request when the transferred request should be executed by said second storage device.

13. The storage subsystem according to claim 12, wherein

in said first storage device, said transceiver adds information, which indicates said first storage device, to the request to be transferred; and

said second processor suppresses another transfer of the transferred request based on the added information that indicates said first storage device.

14. The storage subsystem according to claim 9, wherein said transceiver transfers the received request to said second storage device when it is judged that the received request should not be executed, based on cooperation control information indicating a request to be executed by said first storage device, and the received request.

15. The storage subsystem according to claim 9, wherein said transceiver transfers the received request to said second storage device when it is judged that said second storage device should execute the received

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request, based on cooperation control information indicating a request to be executed by said first storage device, and the received request.

16. The storage subsystem according to claim 15, wherein

the request includes first identification information indicating a storage device that should execute the information processing, and the cooperation control information includes second identification information identifying said first storage device; and

said processor executes the information processing when the first identification information and the second identification information match.

17. A storage control method which uses a storage subsystem comprising a plurality of storage devices connected to a host computer and includes a first storage device, wherein

said first storage device executes:

a step of receiving a request for information processing for said storage subsystem, said information processing being executed in said host computer;

a step of transferring the received request to a second storage device included in said plurality of storage devices; and

a step of executing information processing indicated by the received request when the received request should be executed by said first storage device.

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18. The storage control method according to claim 17, wherein said step of executing information processing executes the information processing when it is judged that the received request should be executed, based on cooperation control information indicating a request to be executed by said first storage device, and the received request.

19. The storage control method according to claim 17, wherein

the request includes first identification information indicating a storage device that should execute the information processing, and the cooperation control information includes second identification information identifying said first storage device; and

said step of executing information processing executes the information processing when the first identification information and the second identification information match.

20. The storage control method according to claim 17, wherein

said second storage device executes:

a step of receiving the transferred request;

and

a step of executing information processing indicated by the transferred request when the transferred request should be executed by said second storage device.

21. The storage control method according to claim

20, wherein

in said first storage device, said step of transferring a request adds information, which indicates said first storage device, to the request to be transferred; and

said second storage device further executes a step of suppressing another transfer of the transferred request based on the added information that indicates said first storage device.

22. The storage control method according to claim 17, wherein said step of transferring the request transfers the received request to said second storage device when it is judged that the received request should not be executed, based on cooperation control information indicating a request to be executed by said first storage device, and the received request.

23. The storage control method according to claim 17, wherein said step of transferring the request transfers the received request to said second storage device when it is judged that said second storage device should execute the received request, based on cooperation control information indicating a request to be executed by said first storage device, and the received request.

24. The storage control method according to claim 23, wherein

the request includes first identification information indicating a storage device that should

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execute the information processing, and the cooperation control information includes second identification information identifying said first storage device; and

said step of executing information processing executes the information processing when the first identification information and the second identification information match.

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